THE TECH

VOL. XXVII. No. 27 BOSTON, MASS., MONDAY, DECEMBER 2, 1907 PRICE THREE CENTS

BASKET BALL SEASON OPENS NEXT WEEK.

BOSTON COLLEGE THE FIRST OPPONENT.

Tech Will Turn Out a Strong Team if it Can Get Time For Practice.

A week from tonight the Institute basket ball season opens with Boston College at the Gym. It is expected that a strong team will be sent over to represent Boston College and a fast and exciting game is expected. It is also expected that a large crowd of rooters will be sent over.

The Institute team has not been officially picked as yet. There has been sharp competition among the candidates. Captain Wentworth is handling the men well, besides playing his usual steady game, passing in good form, and securing good team work.

W. J. Pierce 1908, last year's center, will have to fight hard for a place on the team. Although he is shooting fairly well, he is not getting into the team work in very good shape. His chief fault is allowing his opponent to get away from him. He also does too much individual work instead of working into the team work.

Nichols 1909 has improved his game at guard over last year and it is seldom that the ball gets by him. Both he and Lamont lack the ability to shoot well. The latter was on the team two years ago and is playing a steady guarding game, using his weight to a good advantage. His passing is poor as yet.

Among those out for the forward position is Cahill 1910, a member of the team last year. He is excellent for team work as his passing is quick and sure, but he does not as yet put enough life into the game. He is also weak in his shooting.

Assistant-Manager Hargreaves 1910, who was a member of the second team last year, is making a strong bid for a forward position. Although light, he is fast and has a good eye for the basket.

The most promising man from the Freshman Class is Parker who has weight and all-round ability. Although he has not a good eye for the basket he is good in team work.

There are a number of others who are showing up well and are able to make things hum. It is expected by the management that if time is allowed for regular practice at the Gym Tech will turn out the strongest team in New England. The management says that only twelve hours practice was allowed in the whole season last year. The team was forced many times to take fifteen-minute practices after 6 o'clock. It is probable that this year's team will be able to work under better conditions.

SOCIETY OF ARTS MEETING THURSDAY.

Mr. Cheney of Providence the Speaker on "Refrigeration."

The Society of Arts will hold a regular meeting Dec. 5 to hear Mr. Norman L. Cheney of the Providence Cold Storage Company speak on refrigeration.

On Dec. 19 Mr. Philip W. Ayers, state forrester of New Hampshire, will speak of the proposed forest reserve in the Appalachian and White mountains.

The Society of Arts meets at 7.30 P. M. on the first and third Thursdays of each month in 22 Walker. All students interested are invited to attend.

BUFFALO ALUMNI HOLD ANNUAL FEAST.

The annual dinner of the Buffalo Alumni Association of the Institute was held last week at the University Club of that city. M. B. Patch 1872 presided. Pres. Park of the University of Buffalo gave the principle address of the evening.

ACTORS WILL GIVE STUNTS SATURDAY.

TECH SHOW KOMMERS AGAIN THIS YEAR.

Successful Experiment of Last Year Will be Repeated.

Another "Tech Show Kommers," following the example of the one which proved so successful last year, is to be given at the Union Saturday evening, Dec. 7. The idea of giving a dinner to the students of the Institute, particularly to the Freshmen, to explain about the Show originated last year and succeeded in getting out a large number of candidates for the Show, besides making a pleasant and enjoyable evening.

At the Kommers this year, the profits of last year's show will be announced.

C. J. BELDEN
As "The Widow" in "William, Willie, and Bill."

Bursar Rand, Dean Burton, and Mr. Blachstein will speak, and the management will explain the purpose of the Show and what it means to be on it.

Various members of the cast of the Show for the last three years will do their stunts, and to judge by the success of this feature last year, it should form a very interesting part of the program. C. J. Belden 1909, as "The Widow" in "William, Willie, and Bill," will be prominent.

Scores of "The Freshmen" of two years ago which contains "The Cardinal and the Gray" and of last year's show "William, Willie and Bill," containing "Dear Old M. I. T." and also the posters of those two shows will be on sale.

The tickets for this dinner will be on sale Monday in Rogers Corridor at 50 cents each.

BEQUEST OF $9000 TO TECH.

Executors of Will of Lyman F. Rhoades Give This to Institute.

The Institute has received a bequest of $9,000 from the will of Lyman F. Rhoades. The will gave the executors full power to apportion $100,000 between educational and charitable institutions. Among the other recipients are Boston University, $20,000. Massachusetts and Rhode Island Y. M. C. A. $5,000, and several New England secondary schools.

SEVERAL SENIORS HAVE BEGUN THESIS WORK.

MECHANICAL AND ELECTRICAL INVESTIGATIONS ARE BEING CONDUCTED.

Tests on Air Friction, Locomotives, Smoke Consumers, Water Pumps, and Electrical Currents Will Be Written Up.

Subjects for theses in the various courses have been selected by many of the men. Although thesis work will not begin until next term, the consideration of various suggested lines of research is well under way and in another month practically every Senior will have settled on the general outline of his thesis.

In electrical engineering A. G. Place 1908, E. A. Plummer 1908, and H. C. Pattin 1908 will run a test on an electric switching locomotive. They will work in the factory and yards of the Whittin Machine Works, Whittinsville, Mass.

Among the graduate students Anthony and E. L. Moreland are investigating surges as they affect transformation from two phases to three phases. N. C. Willey 1906, graduate in naval architecture, is working on single phase motors.

In mechanical engineering several important theses are definitely planned. There will be a thesis on the friction of air flowing through pipes and the loss of pressure due to elbows and bends. This investigation is quite complex owing to the difficulty of measuring the volume of air passing through the system. The apparatus has been completed.

A test will be made on a pump lately designed for draining mines. The pump raises water to a high head with low pressure of air. It consists of two chambers from which the air is forced by displacement. The discharge column is a mixture of air and water. The pump on which the thesis test will run raises water 90 feet under 20 pounds air pressure.

Two men will make a comparison of the different smoke consuming devices. A test will be made of Curtis Turbines at the United Shoe Machinery Company's plant, Beverly, Mass.

INTERCLASS FENCING TONIGHT.

Fencing Club Gives Second of its Exhibitions.

This evening the second monthly exhibition of the Fencing Club will take the form of an informal interclass meet between the Junior, Sophomore and Freshman classes. There will also be a contest with duelling swords between R. Gallegos 1910 and Capt. E. M. Loring 1909, and another between Gallegos and Mr. Cushing. Mr. Fournon's rooms accommodate about 40, and a large proportion of those present will probably be ladies.

This interclass meet is the first of its kind and most of the contestants are beginners. The Junior team is overwhelmingly superior even though members of the varsity team are not allowed to enter the contest. In the case of the other classes there were so few in the club that there was no chance for selection. The meet is principally to accustom the members of the club to fencing before spectators and to show all who are interested what the club is doing. To the individual winner of the meet will be awarded a ribbon with the privilege of wearing it on his sleeve for one month.

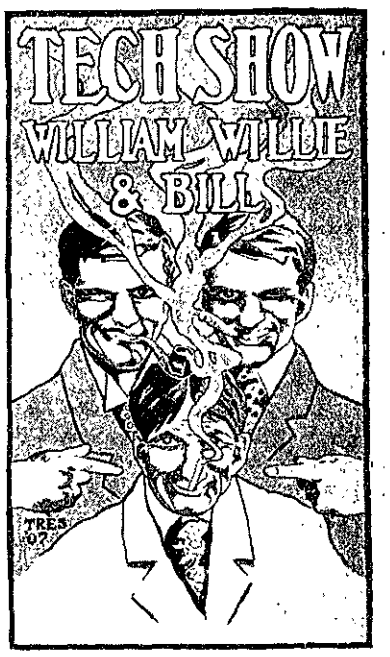
The program will consist of twenty-seven one-minute bouts, each man fencing with the six men of the two opposing teams. The teams are; 1909, V. C. Grubnau, R. Chinchilla, M. Nickerson; 1910, R. Van Eetvelde, B. Jones, D. Clapp; 1911, L. G. Glazier, W. B. Jones, and W. Doane. Admission tickets may be obtained free by leaving note at the Cage for V. C. Grubnau, secretary.

SHOW OFFERS TEN DOLLARS IN PRIZE.

POSTER DESIGN WANTED.

Competition Will Close on Jan. 9, 1908.

Tech Show has announced that the competition for the poster for this year's play, "Over the Garden Wall," is to close on Jan. 1, 1908. The poster is to be 14 by 24 inches, but the drawing must be 28 by 40 inches.



POSTER, TECH SHOW 1907
Designed in Competition by Very 1907.

Two colors alone are to be used in connection with a line drawing, and the management requires that the drawing must be strong and the tones flat. The words, "Tech Show, Over the Garden Wall," must be included in the design. A prize of $10 will be awarded for the best drawing submitted and the management reserves the right to retain the successful drawing, the others being returned. Further particulars regarding the play or the poster may be obtained from Clarence J. Brown 1909, 34 Rogers.

ARCHITECTS ELECT MEMBERS.

Eleven Seniors and Juniors are Honored.

At a meeting of the Architectural Society Friday afternoon the following men were elected members, C. A. Brown 1908, S. O. Clements 1908, A. M. Emerson 1908, C. B. Ford 1908, M. P. Meade 1908, E. M. Price 1908, H. M. Glazier 1909, V. E. Seibert 1909, T. G. Machem 1909, W. A. Meanor 1909, and W. M. Van Valkenburgh 1909.

BUILDING 710-FOOT CONCRETE SPAN.

Hendrik Hudson Bridge to be Maximum Limit Yet Reached.

The boldest project ever attempted in concrete bridge work is the enormous arch of reinforced concrete which, constituting the central feature of the new Hendrik Hudson memorial bridge at New York, has a clear span of 710 feet. The entire bridge is 2,840 feet long and besides the central arch is made up on one side of three and on the other side of four 100-foot full centered arches with wide piers and elaborate approaches.

It is estimated that in the main span will be about 12,000 tons of structural steel and 47,000 cubic yards of concrete. The bridge will carry a driveway, promenade, and four car lines. The maximum height is 217 feet with four 300 foot towers which flank the main arch. Its breadth is 80 feet.

THE TECH

Published every Monday, Wednesday, and Friday during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 6, 1904, at the post office at Boston, Mass., under the Act. of Congress of March 3, 1879.

OFFICE HOURS:
Editor-in-Chief, 30 Rogers.....4 — 6 Daily
Business Manager, 30 Rogers.....4 — 6 Daily
Managing Editor, 30 Rogers.....8.30— 9 Daily

Contributions are requested from all undergraduates, alumni, and officers of instruction.
All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulating Manager.

Subscription - - - $1.50 per year in advance.
Single Copies 3 Cents.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by 86 cents.

Monday, December 2, 1907.

M. I. T. A. A. MEMBERSHIP.

According to the section in the constitution of the new athletic association which reads, "The membership of this association shall consist of twenty undergraduates, five elected from and by each class, and the captains and managers of all varsity teams," it would seem that at present there are two vacancies. A. L. Moses a regularly elected member from 1909 and D. C. McMurtrie from 1910 have been elected managers of varsity teams. It would seem that they cease to be class representatives as soon as they become managers.

A provision should be made for an exigency of this kind. There should be a an election either by the class or by the athletic association, of new representatives to fill these vacancies.

All undergraduates who have won their "T" should be members of the association by right of their insignia. Although this rule need not go into effect this year, it should be drawn up to go into effect next year before the class elections.

It is probable under the present system that many of the wearers of the "T" will be elected in the class elections, but it is almost as probable that they will not be elected. At present there are a number of "T" men in the association, but there is also a number who are not members.

It seems absurd that there should be an athletic association, which does not include in its membership those men who have shown enough interest in athletics to win the Institute emblem. The wearers of the "T" are usually upperclassmen, men with experience in athletic matters, just the men who should be members of an association whose sole purpose is to direct athletics.

Of course this new rule would give to the track team a large number of representatives, but this is not more than right since, track is the principal sport at the Institute. Next year there would probably be two or three representatives from the fencing team, one or two from the tennis team, and perhaps several from the basketball team, if that team has a successful season this year.

A LESSON.

A thorough lesson has been taught the Cross Country Team, that only after a season of long, hard training can any kind of a showing be made in the intercollegiate race. The spirit shown by the team was admirable, the men ran the hardest and fastest they knew how, but they failed because they had not behind them endurance, reserve strength. The reason of the success of previous teams has been that they have had the spirit, together with the training, the constant attendance at daily practice, at the hare and hound runs, doing thoroughly all of the work given them by the coach. This last the present team did not do. It will be well, remember this next year.

"FROSH" CHEER LEADERS.

One thing very noticeable at the recent leave-taking of the Cross Country Team for Princeton and the attendant cheering was the presence of the always-to-be-heard Freshman and Sophomore cheer leaders. One of the maxims that a Freshman, Frosh as he is called at many institutions, ought to pin in his hat, etch into his memory is "Don't be a cheer leader for upper-classmen." So well should Frosh have this motto in mind that he cannot forget even when he becomes a blatant Soph.

The fault did not lie wholly with the Frosh and Soph, but quite a little with the upper-classmen. Before the gathering there seemed to be no understanding as to who would lead the cheering. The honor of this office, for it is an honor, has fallen on the presidents of the upper classes. Upper-classmen did take charge in a desultory manner after five or ten minutes of cheering, but so encouraged had the young leaders become, from the sound of their own voices, that the real leaders had no show.

COMMUNICATION.

The Editors of THE TECH do not hold themselves responsible for opinions expressed by correspondents.

To the Editors of THE TECH:

A postal card with paid reply attached has been sent to every member of the Institute. In order to avoid misunderstanding there is, perhaps need of an explanation of one question on the card.

On the reply card there is a question asking the number of Techniques an individual expects to buy. This question is not to bind the individual to any contract to buy a certain number of Techniques, but rather for the convenience of the Board of Editors in gauging the number of books to print.

Technique 1909 earnestly requests that outstanding replies be sent in at once. Over fifteen hundred cards were sent out and less than four hundred replies have been received.

It is most discouraging to feel that, when the Board has gone to considerable trouble and expense to supply return postage, and to furnish printed blanks that can be filled out with a minimum expenditure of time, so many men should show such absolute lack of interest in the success of Technique.

Board of Editors
Technique 1909.

The glove store that carries a good line of

FOWNES GLOVES

is to be depended on.

"THE GIRLS ARE FOND OF THESE"

Tech Emblems

Greatest Variety
Lowest Prices

BENT & BUSH
15 SCHOOL ST. BOSTON, MASS.

BROWNING, KING & CO.
407-409-411 Washington St., Boston

OVERCOATS REDUCED
$15 $18 $20
for Coats that were $20 and $25

Bear in mind that your purchases here are subject to Cash Discount of 10%

THE GURNEY NATIONAL
IS THE MODERN
ELEVATOR
For Passenger and Freight Service
EXCELS ALL OTHERS IN SAFETY, RELIABILITY AND ECONOMY
W. S. TUBMAN, Agent
20 CENTRAL STREET, BOSTON, MASS.

OTIS ELEVATOR COMPANY
53 State Street, BOSTON
Electric and Hydraulic Elevators
ESCALATORS (Moving Stairways)

COES & STODDER
FOR FOURTEEN YEARS
The Leading College Shoe House
14 SCHOOL STREET

STONE & WEBSTER
84 STATE STREET, BOSTON
General Managers of
The Lowell Electric Light Corporation. The Seattle Electric Company. Puget Sound Electric Railway. Columbus Electric Company. Cape Breton Electric Company, Ltd. El Paso Electric Company. Jacksonville Electric Company. Ponce Electric Company. Paducah Traction and Light Company. Pensacola Electric Company. The Minneapolis General Electric Company. Edison Electric Illuminating Co. of Brockton. Houghton County Electric Light Company. Brockton and Plymouth Street Railway Company. The Houghton County Street Railway Company. Whatcom County Railway and Light Company. Savannah Electric Company. Dallas Electric Corporation. Northern Texas Electric Company. The Blue Hill Street Railway Company. Fort Hill Chemical Company. Tampa Electric Company. General Electro-Chemical Company. Houston Electric Company. Fall River Gas Works Company. Galveston Electric Company. The Key West Electric Company. Baton Rouge Electric Company. Puget Sound International Railway & Power Company.

C. A. PATTEN & CO.
Merchant Tailors
No. 43 TREMONT ST., Carney Bldg., BOSTON
OUR SPECIAL OFFER: FULL DRESS SUIT $45
Silk Lined Throughout

HOTEL BRUNSWICK
BOSTON
HERBERT H. BARNES, Proprietor
EUROPEAN AND AMERICAN PLANS

OUR $35 Tech Suits *Have No Equal*
CHARLES JACOBSON, Custom Tailor
Formerly with F. L. Dunne
We also do Naphtha or Steam Cleansing, also Monthly Pressing.
Newbury Building
111 MASSACHUSETTS AVE.

H. P. HOOD & SONS TRADE MARK MILK

Healthy Cows

Scrupulous care in milking — hygienic methods in handling — freedom from adulteration — cool temperature — a richness in cream — a fineness in flavor — these are your safeguards and the means by which HOOD'S MILK brings health and happiness into 70,000 homes.

H. P. HOOD & SONS
494 Rutherford Ave. 'Phone Ch's'n 600

Smullen & Co.

51 SUMMER ST.

Tailors

SPECIAL PRICES DURING NEXT THIRTY DAYS

ATHLETES ATTENTION!

¶ In order to obtain the best results in athletic contests, it is important that you should have the best implements. They may cost a trifle more, but it pays. Many a match has been lost by the use of poor tools, so why not have the best Tennis Racket and Ball, Foot Ball, Basket Ball, Running Shoes, Skates, Hockey Sticks, Sweaters, Jerseys. etc. Our goods have character — our trade-mark means something.

Send for our Catalogue. It is free to any address

WRIGHT & DITSON
344 Washington Street, Boston
18 West 30th Street, New York
Chicago Providence, R. I. Cambridge, Mass.

MAKER TO WEARER
THE SPHINX
$2.00 HAT
412 WASHINGTON ST. BOSTON
FALL STYLES

ASK ANY COLLEGE MAN
ABOUT
COES & YOUNG'S
SHOES
20 SCHOOL STREET, - BOSTON

TECH MAN PROMOTED FOR EXCELLENT WORK.

Also Four or Five Magazine Articles Are By Tech Grads.

Four out of five of the principal papers in the latest number of the Journal of the N. E. Water Works Association, just out, are written by Technology men, namely C. W. Sherman, '90, C. T. Main, '76, R. A. Hale, '77, and E. E. Lochridge, '05. As showing how quickly some of Tech's graduates accomplish good work, the following quotation concerning the Ludlow intermittent filters of the Springfield, Mass., Water Works is of interest (p. 285): "During the present season Mr. C. F. Story (Course XI, M. I. T., 1907) has operated the filter and has had some difficult water to handle. . . . However, at all times very satisfactory water has been produced . . . far more acceptable than any water we have had in any summer for a great many years."

In view of this statement the readers of THE TECH will not be surprised to hear that Mr. Story has just been promoted in salary and made Assistant Sanitary Engineer to the Springfield Water Department.

'78 MAN TRANSFORMS STRAW INTO LINEN FIBRE.

Perfects a Process That Will Bring Enormous Results To Commercial Interests.

Benjamin C. Mudge 1878, Course I, has invented and perfected a process for the transformation of flax straw into pure linen fibre ready for spinning. The results of this invention will be enormous to the commercial and agricultural interests of the country.

American farmers devote four million acres to flax raising, merely for the seed. The straw has hitherto all been thrown away, because there is no labor cheap enough here to utilize it for making linen fibre by the antiquated methods of Europe, which require several weeks.

The Mudge process requires but 12 hours for separating the fibre from the wood portion of the straw by mechanical means. Chemicals are then used for degumming and bleaching.

The United States imports 22 million dollars' worth of linens from Europe yearly. As the new process is much cheaper than that pursued in Europe, the value of the production of linens here should be over a quarter of a billion dollars, besides creating a market for the agricultural product.

Due to an error in the lists given THE TECH, it was stated in a recent issue that George L. Davenport, Jr, 1906, was division engineer with the coast lines of the Santa Fe. Mr. Davenport is draftsman; his address being care of the division engineer at San Bernado, Cal.

CALIFORNIA TECH GRADS ORGANIZE A CLUB.

Twenty Eight Men Start It, But Movement Is Gaining Rapidly.

At a reunion dinner in Oakland, Cal., on Nov. 16, twenty-eight Tech men organized a "Technology Club of Northern California" to advance Technology's interests and create a strong Tech fellowship on the coast.

These twenty-eight men represent only a small section of the Institute graduates in that vicinity, but the movement is not only sanctioned but strongly desired by every Tech man that it has been possible to communicate with.

It is therefore expected that the immediate membership will be over forty. Charles G. Hyde 1896 was elected president. Any communications as to Tech men in this region will be gladly received by H. C. Blake 1907, the secretary of the club.

On last Saturday the men of the southern part of the state, following the example of their northern neighbors, organized a similar club, and it is the intention to spread the movement until eventually there is formed an association of the Pacific Coast.

STEPHENSON WINS TIME PRIZE.

Does Eight Miles in Handicap Race in 49m 47s.

J. N. Stephenson 1909 won the time prize in the annual handicap cross country run at West Roxbury Saturday, covering the eight miles in 49m 47s.

McKenzie 1910 won the race from a handicap of 4m 45s, his actual time being 53m 15s. He was closely followed by Eldred 1911 who started with the same handicap. Stephenson finished third. The first two men will receive cups for their places at the finish.

The summary:

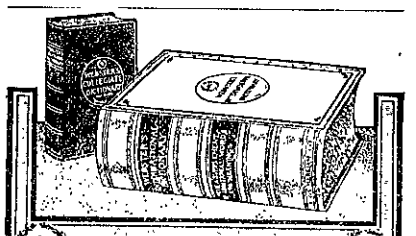
1. Mackenzie 1910, handicap 4m 45s, time 53m 15s.
2. Eldred 1911, handicap 4m 45s, time 53m 16 4-5s.
3. Stephenson 1909, handicap 45s, time 49m 45s.
4. Howe 1909, handicap 3m, time 52m 15s.
5. White 1911, handicap 1m 30s, time 51m 8s.
6. Ellis 1909, handicap 45s, time 51m 23s.
7. Howland 1908, scratch, time 52m 2 2-5s.
8. Burton 1910, handicap 5m 15s, time 58m 30s.
9. Davis 1910, handicap 3m, time 56m 45 2-5s.
10. Pearl 1910, handicap 6m, time 62m 20s.
11. Lenox 1909, handicap 4m, time 62m 50s.

VISIT
THE NEW STORE
222 CLARENDON ST.
BUILT ESPECIALLY FOR YOU

Drafting Instruments, Papers, Tracing Cloth, Triangles, T Squares, Slide Rules, Pencils, Etc., Paints, Varnishes, Hardware
AT LOWEST PRICES

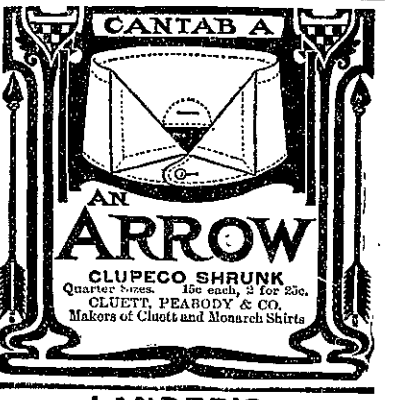
ALSO AT
82 and 84 Washington Street
CATALOGUES FREE

Wadsworth, Howland & Co.
INCORPORATED



WEBSTER'S INTERNATIONAL DICTIONARY
A LIBRARY IN ONE BOOK.
Besides an accurate, practical, and scholarly vocabulary of English, enlarged with 25,000 NEW WORDS, the International contains a History of the English Language, Guide to pronunciation, Dictionary of Fiction, New Gazetteer of the World, New Biographical Dictionary, Vocabulary of Scripture Names, Greek and Latin Names, and English Christian Names, Foreign Quotations, Abbreviations, Metric System.
2380 Pages. 5000 Illustrations.
SHOULD YOU NOT OWN SUCH A BOOK?
WEBSTER'S COLLEGIATE DICTIONARY.
Largest of our abridgments. Regular and Thin Paper Editions. 1116 Pages and 1100 Illustrations.
Write for "The Story of a Book"—Free.
G. & C. MERRIAM CO., Springfield, Mass.

DAVID J. FOX
Hatter and Haberdasher
LAUNDRY RETURNED IN TEN HOURS
Up-to-date Novelties in Men's Furnishings
Corner CHANDLER & DARTMOUTH STS.
Special attention to Tech Men



DINING ROOM
23 ST. BOTOLPH STREET
Popular Prices, Special Attention to "Tech Men." Try our Course Lunch 25c.
W. H. PRIDHAM

EAGLE SILK LABEL MFG. CO.
DESIGNERS AND MAKERS
of Silk, Linen, Cotton, & Paper Labels
BEAUTIFUL INITIALS FOR CLOTHING
FOR ALL PURPOSES
180-188 Washington St., Boston, Mass., U.S.A.

Floral Designs a Specialty
Flowers and Plants at Reasonable Prices
FINE, The Florist
202 Dartmouth St., Boston, Mass.
Telephone, 1521-3 Back Bay.
Fresh Violets Three Times a Day

DAVID W. EDWARDS, Jr.
Tailor
Removed to 420 Boylston Street
BOSTON
Telephone, Back Bay 3535-3

MEN'S SHIRTS MEN'S SCARFS
MEN'S COLLARS
PLAZA OUTFITTERS
431 Columbus Ave. next door to Hotel Plaza

THE SEVEN BARBERS
Everyone an Artist
987 BOYLSTON ST., near MASS. AVE.
Special attention given to Tech Students

HERRICK TICKETS ALL THEATRES
Copley Square
Telephone
2329, 2330 and 2331 Back Bay

Try the
MEADOWBROOK LUNCH COUNTER
24-26 Huntington Avenue

THE STUDENT'S DRUG STORE
UNDER COPLEY SQUARE HOTEL
We make a special effort to merit the patronage of our student friends . . . . . .
Don't forget the address — under Copley Square Hotel

LANDER'S
LUNCH AND COFFEE HOUSE
25 YEARS EXPERIENCE
20 Huntington Avenue, near Copley Square
ALSO AT 46 HIGH STREET
TELEPHONE 5319-1 BACK BAY BOSTON

W. M. ROWAN
"THE TECH BARBER"
Westminster Hotel . . St. James Ave.
SPECIAL TO STUDENTS
HAIR CUT 25 CENTS SHAVE 15 CENTS

J. MAKLAUSKY
Tailor
Opposite Victoria and Vendome Hotels
Nothing too small for my strict attention and nothing too high for my capability
145 Newbury St. Tel. 3059-4 B. B.

THE TECH TAILORS

REDUCTION UNTIL DEC. 15

OUR $40.00 SUIT OR OVERCOAT FOR $30.00

A. H. MATZ & CO.

32 HUNTINGTON AVENUE TELEPHONE 1336-3 B. B.

All Goods Required by Students at

Maclachlan's

502 Boylston St.

Drawing Instruments and Materials, etc.
Fountain Pens, Text-books

J. C. LITTLEFIELD

Tailor and Outfitter

12 BEACON STREET, BOSTON

I can offer you a larger and more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order. Golf Breeches Riding Breeches and Dress Suits a Specialty

DISCOUNT TO STUDENTS

GENTLEMEN
WHO DRESS FOR STYLE NEATNESS, AND COMFORT WEAR THE IMPROVED

BOSTON GARTER

THE RECOGNIZED STANDARD

The Name is stamped on every loop—

The Velvet Grip CUSHION BUTTON CLASP

LIES FLAT TO THE LEG—NEVER SLIPS, TEARS NOR UNFASTENS

Sample pair, Silk 50c., Cotton 25c. Mailed on receipt of price.

GEO. FROST CO., Makers Boston, Mass., U. S. A.

ALWAYS EASY

WM. READ & SONS

Wm. READ & SONS TRADE MARK BOSTON MASS

ATHLETIC OUTFITTERS

81 Years of Square Dealing

Wm. Read & Sons. Blue trade mark on your athletic goods is insurance against substitutions, means the finest quality at a fair price. means an absolute Guarantee on all you buy.

—OUR BASKET BALL—

Absolutely guaranteed to last the season, without ripping or getting out of shape.

ENGLISH LEATHER, ENGLISH MAKE.

LIBERAL DISCOUNT TO TECH MEN

WM. READ & SONS

HIGGINS'

Drawing-Inks
Eternal Writing-Ink
Engrossing-Ink
Taurine Mucilage
Photo-Mounter
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.

Are the Finest and Best Inks and Adhesives. Emancipate yourself from the use of corrosive and ill-smelling inks and adhesives and adopt the *Higgins Inks and Adhesives.* They will be a revelation to you, they are so sweet, clean, and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Mfgrs.
Branches: Chicago, London
271 Ninth Street, Brooklyn, N.Y.

CALENDAR.

Monday, December 2, 1907.

4.00 P. M. Glee Club Rehearsal at the Union.

8.00 P. M. Fencing Club Exhibition at 22 St. Botolph St.

8:00 P. M. Mechanical Engineering Society Meeting at the Union.

Tuesday, December 3, 1907.

4:00 P. M. Banjo Club Rehearsal in 33 Rogers.

4:00 P. M. Mandolin Club Rehearsal in 31 Rogers.

8:00 P. M. Catholic Club Meeting at the Union.

NOTICES.

TRACK.—Trials for the Relay Team to run against B. A. A. at the Park Square meet on Dec. 4 will be held at 4 P. M. this afternoon in the Gym.

MANDOLIN CLUB.—The rehearsals of the Mandolin Club will be held on Tuesday and Friday at 4.15 P. M. in Rogers 31 hereafter. Tuesday, Dec. 3, there will be an important rehearsal with a professional coach.

CATHOLICS.—There will be a meeting of the Catholic Club at the Union tomorrow evening at 8 o'clock. An interesting speaker has been provided and every Catholic should be present. Refreshments will be served.

CLASSIFIED ADS.

Advertisements of this kind under different classifications are inserted at the rate of five cents a line, averaging six words to a line, payable in advance.

WANTED AT ONCE.—Agents for the Red Dwarf Ink Pencil. Apply any noon at Room 30, Rogers.

WANTED AT ONCE.—Copies of the first six volumes of Technique in good condition. State price. Box 52, The Cage.

PENNANT SALE at the Cage.—I have made a wholesale reduction of 10 per cent. on all my former prices. Now is the time to get your Xmas Pennant.—A. H. T.

LOST.—A black leather note book and 4th year Assay note book. Return to R. F. Munoz, III., '08.

LOST.—An overcoat on Friday. Return to Biological Department.

TO LET.—A bright front parlor with two smaller rooms connected, nicely furnished. Just the thing for two to four students. Rent low. 36 Falmouth St., Suite 2.

MORSE & HENDERSON

Tailors

18 BOYLSTON STREET
Rooms 14-15

Telephone Oxford 99 BOSTON

A·B·CURRIER CO.

RELIABLE HATTERS

HEADQUARTERS FOR HATS

WASHINGTON & ELIOT STS. BOSTON

HALL & HANCOCK CO.

Hats and Furs

THE STANDARD OF STYLE AND EXCELLENCE

420 WASHINGTON ST.

AS GOOD AS A BANK

Our Engraving for Advertising Purposes, pays you 100 per cent on your investment.

Are You willing to investigate?

IT IS UP TO YOU

MASS. ENGRAVING COMPANY

104 HANOVER STREET

McMORROW

College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

THE RED DWARF INK PENCIL

Always writes at the first touch with the ease of a lead pencil.

It is FAST and SURE.

Carry one like a pen-knife; it cannot leak.

Makes excellent carbon copies.

And the cost of using is trifling—A Red Dwarf with five cent's worth of ink goes as far as a dollar's worth of lead pencils.

$2.50

THORP & MARTIN CO.

66 FRANKLIN STREET

BOSTON